

**HILBERT HIGH SCHOOL  
COURSE REGISTRATION GUIDE  
2019-2020**



Hilbert High School  
1139 W. Milwaukee Street, PO Box 390  
Hilbert, WI 54129  
(920) 853-3558

## **Table of Contents**

Letter from the Principal-----	1
Student Services -----	2
Testing Information -----	2
Career Planning and Academic Advising -----	3
Explanation of Registration Information -----	5
Schedule Changes -----	6
HHS Graduation Requirements-----	7
Recommended Course Sequence for post-secondary education--	8
Post-Secondary Admissions Requirements-----	9
Course Offerings by Department-----	11
Course Offerings by Grade Level-----	12
Art-----	14
Business Education-----	15
Careers -----	18
Computer Science -----	18
Driver Education-----	19
English -----	20
Foreign Language-----	22
Health & Wellness-----	23
Mathematics-----	24
Music-----	26
Physical Education-----	28
Science-----	29
Social Studies-----	31
Technology Education -----	33
Other Opportunities-----	35
Transcripted-(TC) Credit	
Distance Learning	
Teacher Assistant	
Youth Apprenticeship	
Start College Now/Early College Credit	
District Student Nondiscrimination Policy-----	36
Individual Learning Plan (ILP) Worksheet-----	37



# School District of Hilbert

1139 W. Milwaukee St. • P.O. Box 390 • Hilbert, WI 54129-0390  
Phone: 920-853-3558 • Fax: 920-853-7030

*Invest, Interact, Inspire... Every Child, Every Day!*

Dear Hilbert High School Students:

Welcome to the registration process for the 2019-20 school year. This process is vital for you and your parents. During the next several months you will be making decisions regarding your education that assist your path in work and life. This course guide is designed to help you and your parents choose courses that will influence your future. As you proceed with the registration process, we encourage you to think about long-range planning and keep your options open. You should develop a program of study that will allow you flexibility and adjustment as your career focus becomes clear.

All high school students must have 23 credits to graduate: 4 English credits, 3 math credits, 3 social studies credits, 3 science credits, 2 physical education credits, .5 credit health, .5 credit personal finance, 7 credits of electives. In addition, all students must pass the State of Wisconsin mandated civics exam and develop an Academic & Career Plan (ACP) that culminates with mock interviews their senior year.

When choosing your electives, make certain that you consider your future. Many times these are the classes that develop interest and eventually become a career path for you to pursue whether in career opportunities, two year technical or university colleges, or four year universities. Your elective choices will help you investigate different career areas and strengthen your reading, writing, speaking, listening, mathematic and problem solving skills. We offer electives in fine arts, business, career and technical areas, and health and wellness.

If you are planning to attend college, it is recommended you take an additional one or two credits of science and mathematics. Depending on your desired college, two credits of a foreign language may also be required. It is recommendations like these that make long-range planning so important when choosing your course selections.

We encourage you to seek advice from your advisor, teachers, school counselor, principal, and most importantly, your parents. Our challenge to you is to take sufficient courses each semester that will contribute to the success of your future.

Sincerely,

Anthony Sweere  
HHS Principal

# Student Services

---

Guidance and counseling services are available to each of you to aid in your academic success in school, to help you better understand your strengths and limitations, to deal with personal and social concerns, and to help in planning for and attaining realistic goals.

The school counselor focuses on facilitating:

- Student transitions from middle school and from high school
- Academic programming of students
- Academic progress of students
- Career exploration
- Post-secondary planning
- Personal and social health

Whenever you have a concern or need information, you are encouraged to see your counselor. Throughout the course registration guide you will see an increased emphasis on career exploration and development. As you engage in the process of making career decisions, it is important that you understand the purpose and expectations of the university system, technical college, and the world of work.

The school counselor can be of help in providing information about post high school opportunities:

**Technical Colleges:** These programs offer opportunities to learn specialized skills and trades that meet the needs of business and industry. Requirement: High school diploma or equivalent. See pages 8-9 for more information.

**College and Universities:** Many colleges and universities have two-year and four-year programs. High school coursework should prepare you for college by helping develop strong skills in at least four areas-English, math, social studies and natural sciences. Foreign language is also recommended. See pages 8-10 for more information.

**Armed Forces:** Recruiters visit the high school regularly to provide up-to-date information. Requirements: High school diploma. For more info go to [airforce.com](http://airforce.com), [goarmy.com](http://goarmy.com), [nationalguard.com](http://nationalguard.com), [navy.com](http://navy.com), or [marines.com](http://marines.com).

**Post High School Apprenticeships:** may be available through sponsorship by a trade professional. It typically includes technical college coursework and on-the-job training. Requirement: high school diploma or equivalent. For more info visit <https://dwd.wisconsin.gov/apprenticeship/>.

## World of Work-Plan Ahead!

Students increase employment options and opportunities by selecting career-related courses. Wisconsin Job Centers provide a "one-stop" service for employers to meet their workforce needs and job seekers to get the career planning, job placement and training services they need to get jobs. For more info go to: <https://jobcenterofwisconsin.com>.

## Testing Information

- All **freshmen** will take the state-mandated **ACT ASPIRE** test during the spring semester. **ACT ASPIRE** will provide important information that will determine how students are progressing at their current grade level, as well as along their overall path toward future college and career readiness.
- All **sophomores** will take the state-mandated **Wisconsin Forward Exam** for Social Studies and the **ACT ASPIRE** assessment during the spring semester.
- The **PSAT/NMSQT test** is given in October to those juniors who sign up for it. The results of the PSAT will indicate how a student's verbal and mathematical aptitudes compare with other four-year college bound students nationwide. It is also the National Merit Scholarship Qualifying exam.
- **Juniors** will be state-mandated to take the **The ACT® Plus Writing and ACT® WorkKeys** in late February/early March. The ACT® Plus Writing consists of four multiple-choice tests: English, Mathematics, Reading, and Science; and a 30-minute essay test that measures student writing skills. Students will be able to use this score for college admission. ACT® WorkKeys is an applied skills assessment system which consists of 3 tests: Applied Mathematics, Locating Information, and Reading for Information, and is used by some employers for job placement.
- All students who intend to continue their education at a four-year college will be asked to submit scores from their **ACT examination**. In addition to the state-mandated test date, the ACT will be offered six other times throughout the year at area testing sites with registration deadlines for each test date. Eligibility for certain scholarships may require submitting your ACT results early in your senior year. Helpful websites: [www.act.org/theact/testprep](http://www.act.org/theact/testprep); [www.act.org/academy](http://www.act.org/academy); [www.number2.com](http://www.number2.com), [www.march2success.com](http://www.march2success.com).
- **Accuplacer testing** is required for admission to some Wisconsin technical colleges. It is an assessment of a student's skill level in reading, sentence structure, and math. Once a student has applied and been accepted to a technical college, he or she can take the Accuplacer test in the high school Student Services Office (if necessary). The test is computer-based and takes approximately 1-2 hours to complete. Students are strongly encouraged to prep beforehand. Stop in Student Services for a list of free testing websites. (ACT test results may be accepted at some technical colleges).

As part of the state-mandated Academic & Career Plan (ACP), all students will develop an individualized learning plan (ILP) during their 8<sup>th</sup> grade academic advising meeting with the school counselor. This is a "work in progress" and is reviewed each year with their assigned academic advisor and/or the school counselor. Students and their parents or guardians should use the following career information to develop and review their ILPs for the student's four years of school. (A blank ILP can be found at the end of this registration guide.) In addition, throughout high school students will develop and update their ACP on the Career Cruising website: [www.careercruising.com](http://www.careercruising.com).

## PLANS AFTER HIGH SCHOOL

At this time I am planning to....

- Work
- Join an apprenticeship program
- Enlist in the military
- Attend a 2 yr. technical college
- Attend a 2 yr. college/university
- Attend a 4 yr. college/university

At this time I am interested in these careers....

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

At this time I am interested in these skills....

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

At this time I most like to work with....

- People
- Things
- Data
- Ideas

Use the above information to identify career clusters that might be of interest to you. The clusters are briefly explained in the next column.

## Career Clusters

**Agriculture, Food & Natural Resources:** Careers in agriculture, food and natural resources involve the production, processing, marketing, distribution, financing and development of agricultural commodities and resources. These include food, fuel, fiber, wood products, natural resources, horticulture and other plant and animal products/resources.

**Architecture & Construction:** Careers in architecture and construction range from designing, planning, managing and building a structure, to maintaining the built environment.

**Arts, A/V Technology & Communication:** Arts, audio/video technology and communications careers include designing, producing, exhibiting, performing, writing and publishing multimedia content. This field also involves the visual and performing arts, journalism and entertainment services.

**Business Management & Administration:** Business management and administration careers encompass planning, organizing, directing and evaluating business functions that are essential to efficient and productive business operations. These career opportunities are available in every sector of the economy.

**Education & Training:** Careers in education and training involve planning, managing, and providing education and training services, as well as related learning support services.

**Finance:** People working in finance are involved in developing services for financial and investment planning, banking, insurance and business financial management.

**Government & Public Administration:** People working in government and public administration careers execute governmental functions including governance, national security, foreign service, planning, revenue and taxation, regulation, and management and administration at the local, state and federal levels.

**Health Science:** Planning, managing and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development are all functions of health science careers.

**Hospitality & Tourism:** Hospitality and tourism encompasses the management, marketing and operations of restaurants and other facilities and services including lodging, attractions, recreation events and travel-related services.

**Human Services:** Employment in human services focuses on families and human needs. Career pathways include early childhood development, counseling & mental health services, family & community services, consumer services, and personal care services.

**Information Technology:** Information technology entry level, technical and professional careers relate to the design, development, support and management of hardware, software, multimedia and systems integration services.

**Law, Public Safety, Corrections & Security:** Planning, managing and providing legal, public safety and protective services and homeland security are some of the functions of law, public safety, corrections and security careers. This field includes professional and technical support services.

**Manufacturing:** Careers in manufacturing involve planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.

**Marketing:** People working in marketing careers plan, manage and perform marketing activities to reach organizational objectives. Career pathways include marketing research, management and communication, merchandising, and professional sales.

**Science, Technology, Engineering & Mathematics:** The fields of science, technology, engineering and mathematics involve planning, managing and providing scientific research and professional and technical services (such as physical science, social science and engineering). These may include laboratory and testing services, as well as research and development.

**Transportation, Distribution & Logistics:** Careers in transportation, distribution and logistics involve planning, management and movement of people, materials and goods by road, pipeline, air, rail and water, as well as related professional and technical support services such as transportation infrastructure planning and management, logistics services and mobile equipment and facility maintenance.

## The ACP Model

### Know-Explore-Plan-Go

aligns Wisconsin ACP required components with research-based recommendations for incorporating career development throughout K12 for self-exploration, career exploration, and career planning and management.

## **Explanation of Registration Information**

---

- ◆ **Class load** Each student is required to carry courses that meet daily, including physical education, each year with a limit of only one study hall per semester (either opposite PE or some other hour).
- ◆ **Credit** A numerical value given for each subject or course. All high school students must have 23 credits to graduate.
- ◆ **Required** Courses in which a student must earn credit for high school graduation.

### **Academic Advising/Registration Process**

The academic advising/registration process begins with a group counseling session for students in grades 8-11 conducted by the school counselor. The agenda for the group meeting includes the following:

- Overview of the advising/registration process
- Explanation of graduation requirements
- Explanation of grade level requirements
- Relationship between post-secondary plans and course selections
- Discuss registration guide that can be viewed on the Student Services page of the HHS website.

### **Individual Academic Advising**

Each student will be scheduled for an individual advising session with an academic advisor. The individual session will include:

- Development or update of the four-year individual learning plan (ILP)
- Review of credits earned and needed
- Selection of courses for the next year-both first choice and alternates
- Completion of the pre-registration form, both online and paper copy
- Discussion of student's progress at Hilbert High School

**Students and parents should realize that the selection of courses on the pre-registration form does not mean that the student will definitely be placed in those courses next year.**

Final assignment of courses depends on the number of course requests, the development of the master schedule of classes, and the approval of the principal. Due to possible scheduling conflicts in the master schedule, students may not get their first choice of courses on the pre-registration form. If this is the case, they will be placed in their alternate choices. If there are still scheduling conflicts, students will be counseled again to discuss alternatives to their original selections.

### **Parent Involvement**

Parents will be asked to sign the pre-registration form, and will be contacted whenever the advisor feels courses are being selected that are not in the long term best interest of the student. Student and parent involvement in course selection is encouraged and valuable.

## **Schedule Changes**

---

Since school staff, equipment and supplies are based on the number of students enrolled in each course, **we will not make changes unless it is absolutely necessary. Therefore, you should regard your course selections, including alternates, as unchangeable.**

Students will be given the opportunity to make schedule changes before the end of the school year (typically in May) after the master schedule is set and scheduling conflicts are resolved.

The following guidelines will be used to consider approval of a request for a schedule change.

### **Requests will be considered when:**

1. You are carrying eight courses in a given semester and have an academic need for a study hall. If you are not currently using your study hall/free time wisely, no additional study time will be granted.
2. Physical limitations prevent you from participating in a class (doctor's excuse required).
3. You have a need to fulfill credit deficiencies.

### **Requests will be denied when:**

1. The dropping of a course results in the total number of study halls per semester increasing above the required limitation of one (1). (This includes study hall opposite physical education or yearbook). NOTE: According to policy, students taking a teacher assistant course cannot have a study hall.
2. Courses of interest have reached a maximum enrollment and are considered closed.
3. The course to be dropped has a minimum enrollment.
4. Drop/Adds of year-long courses will be done only in unique circumstances necessitating the change.



# **HHS Graduation Requirements**

---

<b>Area</b>	<b>Grade</b>	<b>Credit</b>	<b>Required</b>
English	9-12	4.0	English 9, English 10, English 11, Selected English 12
Health	9	.5	
Mathematics	9-11	3.0	Voc. Math, Algebra I, & Geometry, Or Algebra I & II, and Geometry
Physical Education	9-12	2.0	
Science	9-12	3.0	Physical Science, Biology plus Elective Science 11/12
Social Studies	9-11	3.0	World Geography US History 10, US History 11
Personal Finance	11-12	.5	
Careers Portfolio-Academic Career Plan (ACP)	9-12	0	Must successfully complete a portfolio-based rubric and a faculty/counselor evaluation.
Electives	9-12	<u>7.0</u>	
<b>Total Credits Required:</b>	<b>9-12</b>	<b>23.0</b>	

- A diploma of graduation will be presented to each student who successfully completes a program of studies prescribed by the Board of Education. Students who fail to meet all requirements will not be permitted to participate in graduation exercises.
- Each student shall complete a minimum of 23 credits from the listing above.
- Each student is required to carry courses that meet daily including physical education each year with a limit of only one study hall per semester (either opposite PE or some other hour).
- Elective credits are chosen from core subject areas, foreign language and fine arts, as well as other academic and vocational areas.
- Students with excessive unexcused absences and/or unserved detentions may be prohibited from participation in graduation exercises.

# HHS Recommended Course Sequence for:

University-Bound Student	Technical College-Bound Student
<p><b>4 Credits Language Arts</b></p> <ul style="list-style-type: none"> <li>English 9</li> <li>English 10</li> <li>English 11</li> <li>Two (2) or more total credits from the following ½ credit courses: <b>Written Communication+</b>, Oral/IP Communication, ENGL 101-CAPP, ENGL 150-CAPP.</li> </ul>	<p><b>4 Credits Language Arts</b></p> <ul style="list-style-type: none"> <li>English 9</li> <li>English 10</li> <li>English 11</li> <li>Two (2) or more total credits from the following ½ credit courses: ENGL 101-CAPP, ENGL 150-CAPP, Written Communication, Oral-IP Communication.</li> </ul>
<p><b>4 Credits Mathematics</b></p> <ul style="list-style-type: none"> <li>Algebra I</li> <li>Geometry</li> <li>Algebra II</li> <li>Senior Math</li> <li>Statistics or AP Calculus (for accelerated students) Above sequence will depend on course taken upon entry to high school.</li> </ul>	<p><b>4 Credits Mathematics</b></p> <ul style="list-style-type: none"> <li>Voc. Math and/or Algebra I</li> <li>Geometry</li> <li>Algebra II</li> <li>Senior Math</li> <li>Statistics or AP Calculus (for accelerated students) Above sequence will depend on course taken upon entry to high school.</li> </ul>
<p><b>4 Credits Science</b></p> <ul style="list-style-type: none"> <li>Physical Science</li> <li>Biology</li> <li>2 or more credits from the following: Physics, Chemistry I, Ecology, Anatomy &amp; Physiology, Chemistry II, Adv. Biology</li> </ul>	<p><b>3 Credits Science</b></p> <ul style="list-style-type: none"> <li>Physical Science</li> <li>Biology</li> <li>1 or more credits from the following: Physics, Chemistry I, Ecology, Anatomy &amp; Physiology, Chemistry II, Adv. Biology</li> </ul>
<p><b>4 Credits Social Studies</b></p> <ul style="list-style-type: none"> <li>World Geography</li> <li>US History 10</li> <li>US History 11</li> <li><b>Personal Finance+</b>, plus ½-1 credit from the following: World History, Psychology, Social Problems, or Economics-CAPP</li> </ul>	<p><b>3 Credits Social Studies</b></p> <ul style="list-style-type: none"> <li>World Geography</li> <li>US History 10</li> <li>US History 11</li> <li>Personal Finance-(graduation requirement)</li> </ul>
<p><b>Plus:</b></p> <ul style="list-style-type: none"> <li>.50 credit Health</li> <li>2.0 credits Physical Education</li> <li>5-8 credits of electives based on student's individual educational goals</li> <li>2.0 credits Foreign Language are highly recommended by many colleges and required by some</li> <li>Careers (ACP)-no credit-but high school graduation requirement</li> </ul>	<p><b>Plus:</b></p> <ul style="list-style-type: none"> <li>.50 credit Health</li> <li>2.0 credits Physical Education</li> <li>8.0 credits electives based on student's individual educational goals</li> <li>Careers (ACP)-no credit-but high school graduation requirement</li> </ul>

Recommended coursework may vary depending upon individual student needs and post high school plans. **+Although Personal Finance is a graduation requirement, it may not count for social studies credit at some universities. NCAA does not accept Written Communication as a required English course or Personal Finance as a social studies credit.**

\*\*Visit [www.careercruising.com](http://www.careercruising.com) for more specific information on careers and recommended pathways.

Students who plan to further their education at either a technical college or university must pay very close attention to college admissions requirements when selecting their high school courses. In most cases, college requirements exceed the minimum requirements needed to graduate from high school. Admissions requirements vary considerably depending upon the college or university that the student plans to attend and the major field of study that he/she plans to pursue. **It is extremely important that students and parents check specific college entrance requirements with the school counselor.** All colleges/universities require ACT or SAT scores. Technical colleges require placement testing (such as Accuplacer) and some technical school programs require an ACT test score.

### **WISCONSIN TECHNICAL COLLEGE ADMISSIONS**

Technical college programs have admission standards and some have specific application "windows". Because of the popularity of some programs, apply early and talk to your school counselor regarding your chosen program. The earliest you can apply to Fox Valley Tech is the summer after your junior year. Technical preparation should include a comprehensive high school curriculum to ensure success. The following are recommended high school courses/credits for adequate preparation for technical college programs.

<b>Subject</b>	<b>Credit</b>
English	4 (emphasis in work-related writing and oral skills)
Math	4 (especially in the senior year)
Science	3 (especially in the senior year)
Social Studies	3
Technical Courses	3-4

For more information check out the Wisconsin Technical Colleges Guidebook available in Student Services, or go online to <https://www.wistechcolleges.org>.

### **UNIVERSITY OF WISCONSIN SYSTEM ADMISSIONS**

All UW System institutions require a minimum of 17 high school credits distributed as follows:

<b>Subject</b>	<b>Credits</b>
English	4
Math	3 (algebra, geometry, plus one upper level course)
Social Studies	3
Natural Science	3
Electives	4 (from core courses above, or foreign language, fine arts, computer science, technical education)

UW-Madison requires 2 credits of foreign language for admission.

UW-Platteville, UW-Milwaukee and UW-Parkside require foreign language to graduate from the college. Almost all require some foreign language to graduate with a BA degree. See Ms. Pospychala or Mrs. Callejón for more information.

**\*\*Failure to maintain good academic status, or to successfully complete senior courses as listed on your college application, could lead to your college admission being rescinded.**

**UW-COLLEGE ADMISSIONS REQUIRED CLASS RANK**

(taken from the *Campus Profiles* found online at <https://uwhelp.wisconsin.edu>)

**Profile of Admitted Students, Middle 50%:**

	<b>ACT:</b>	<b>High School GPA or Class Rank:</b>
Eau Claire	22-26	62-87%ile; official ACT scores required.
Fox Valley		Rank in top 75% of class
Green Bay	20-25	2.98-3.68
La Crosse	23-26	69-90%ile; official ACT scores required.
Madison	28-32	3.8-4.0; 85-97%ile; official ACT scores & foreign language required.
Milwaukee	21 or	Top 50% (architecture, engineering, nursing programs are more selective); foreign language to graduate.
Oshkosh	21-24	3.09-3.66; top 18-43%
Parkside	21	foreign lang. to graduate
Platteville	22 or	Top 50%-official ACT scores required for frosh reg; foreign lang. to graduate.
River Falls	20-25	Top 17-51%
Stevens Point	21-25	3.20-3.75;
Stout	22	Top 50%
Superior	21	Top 50%
Whitewater	22	3.20; top 22-53%

The UW Freshman Admissions Policy provides for a comprehensive, individualized review of applicants. Academic factors (rigor and quality of high school curriculum, class rank, GPA, test scores, and trend in grades) will continue to be the most important consideration in the evaluation process. Other factors that will also be considered include, but are not limited to, student experiences, work experience, leadership qualities, motivation, community service, special talents, status as a non-traditional or returning adult, status as a veteran of the U.S. military, whether the applicant is socio-economically disadvantaged, and whether the applicant is a member of an historically under-represented racial or ethnic group.

Visit <https://uwhelp.wisconsin.edu>, <http://majormania.uwex.edu>, or check out the current Guide to the UW System booklet (available in the Student Services Office) for the most up-to-date UW System information.

**WISCONSIN'S PRIVATE COLLEGES AND UNIVERSITIES**

(taken from the WAICU Admission and Financial Aid Guide available in Student Services.)

**Averages of Admitted Students:**

	<b>ACT:</b>	<b>High School GPA:</b>		<b>ACT:</b>	<b>High School GPA:</b>
Alverno	satisfactory for both		Marquette	rigorous college prep courses	
Bellin BSN Prog	satisfactory for both		Milw Inst Art	portfolio review of 15-20 images	
Bellin BSRS	satisfactory for both		MSOE	22-24	3.0
Bellin DMS	satisfactory for both		Mount Mary	satisfactory scores	
Beloit	rigorous college prep courses		Northland	satisfactory	3.0
Cardinal Stritch	adm decisions made on rolling basis		Ripon	not required	
Carroll	eval on ACT, rank, GPA, coursework		St. Norbert	satisfactory scores	
Carthage	satisfactory scores		Silver Lake	foreign lang required for admission	
Concordia	18	2.50		18	2.0
Edgewood	18 or top 50% or	2.50		Foreign lang or fine arts required	
Lakeland	satisfactory scores		Viterbo	satisfactory/official scores required	
	2 yr foreign lang required.		Wis Lutheran	satisfactory scores	
Lawrence	not required for admission			Official ACT scores required	
Marian	eval. on ACT, GPA, rank, coursework				

**For more information:**

**PrivateCollegeWeek.com:** Students and families are invited to tour the colleges and universities during this "open house" week during the summer. Visit this website for more info.

For detailed information on admissions and financial aid check out the Wisconsin Private Colleges & Universities Guidebook available in Student Services, or go to [www.WisconsinPrivateColleges.org](http://www.WisconsinPrivateColleges.org).

## Art

- Art I-Intro to Studio Art
- Art II-Intermediate Studio Art
- Art III-Advanced Studio Art

## Business Education

- Accounting I-TC
- Accounting II-TC
- Accounting III
- Desktop Publishing-also advanced
- Introduction to Business
- Microsoft Office Suite-TC
- Microsoft Word/Excel
- Sport & Entertainment Business
- Web Page Design

## Career Portfolio (ACP)

**Driver Education- offered during the summer for age qualifying 9<sup>th</sup> & 10<sup>th</sup> gr**

## English

- English 9
- English 10
- English 11
- ENGL 101: English Composition-CAPP
- ENGL 150: Intro to Literature-CAPP
- Oral/IP Communication (transcribed credit)
- Written Communication (transcribed credit)

## Computer Science

- Intro to Computer Science
- Advanced Computer Science

## Foreign Language

- Spanish I
- Spanish II
- Spanish III
- Spanish IV
- Spanish V

## Health & Wellness

- Health 9
  - First Aid & Athletic Training
  - Foods & Nutrition
  - Personal Fitness

## Distance Learning Lab

**Early College Credit/Start College Now**

**Teacher Assistant**

**Youth Apprenticeship**

## Mathematics

- Algebra I
- Algebra II
- Calculus for Advanced Placement
- Geometry
- Senior Math
- Statistics
- Vocational Math

## Music

- Mixed Chorus
- Jazz Ensemble
- Wind Ensemble
- Jazz Studies
- Pit Band
- Theater Tech
- U.S. Literature & Styles of Music

## Physical Education

- Physical Education 9,10,11,12

## Science

- Advanced Biology
- Anatomy & Physiology
- Biology
- Chemistry I
- Chemistry II
- Ecology
- Physical Science
- Physics

## Social Studies

- Economics-CAPP
- Personal Finance
- Psychology
- Social Problems
- US History 10
- US History 11
- World Geography
- World History

## Technology Education

- Auto Mechanics-Basic and Advanced
- Cabinetmaking/Manufacturing-also advanced
- Design/Communication
- Exploring Construction-also advanced
- Industrial Enterprise
- Ornamental Metals
- Power & Energy-also advanced
- Intro to Welding & Safety-TC
- Welding II-GMAW Techniques-TC

## 9<sup>th</sup> Grade Course Offerings

### Required Subjects

- English 9 – 1 credit
- Physical Science – 1 credit
- Mathematics
  - Algebra I – 1 credit, or
  - Geometry – 1 credit, or
  - Vocational Math – 1 credit
- Social Studies
  - World Geography – 1 credit
- Physical Education – ½ credit
- Health – ½ credit
- Elective (Choose 2 credits)
- Career Portfolio (ACP)

**\*=1/2 credit semester course**

**(P)= prerequisite-see course description for details.**

### Art

Art I-Intro to Studio Art

### Business Education

- \*Introduction to Business
- \*Microsoft Office Suite-TC
- \*Microsoft Word/Excel (P)

### Foreign Language

Spanish I  
Spanish II (P)

### Music

- \*Mixed Chorus
- \*Jazz Ensemble-instructor approval
- Wind Ensemble
- \*Jazz Studies-1<sup>st</sup> semester
- \*Pit Band-2<sup>nd</sup> semester/instructor approval
- \*Theater Tech-2<sup>nd</sup> semester
- \*U.S. Literature & Styles of Music-1<sup>st</sup> sem.

### Technology Education

Cabinetmaking/Manufacturing  
\*Design/Communication  
\*Exploring Construction  
\*Industrial Enterprise  
\*Ornamental Metals  
Power & Energy

## 10<sup>th</sup> Grade Course Offerings

### Required subjects

- English 10 – 1 credit
- Biology – 1 credit, or Advanced Biology(with teacher approval)-1 credit
- Mathematics
  - Algebra I (for Voc Math students)1 cr or
  - Algebra II-1 credit, or Geometry-1 cr
- Social Studies -US History 10 – 1 credit
- Physical Education – ½ credit
- Elective (Choose 2-3 credits)
- Career Portfolio (ACP)

**(\*=1/2 credit semester course)**

**(P)= prerequisite-see course description for details.**

### Art

Art I-Intro to Studio Art  
Art II-Intermediate Studio Art (P)

### Business Education

- Accounting I-TC
- \*Desktop Publishing (DTP)/\*Adv. DTP (P)
- \*Introduction to Business
- \*Microsoft Office Suite-TC
- \*Microsoft Word/Excel (P)
- \*Sport & Entertainment Business
- \*Web Page Design

### Computer Science

Intro to Computer Science

### Foreign Language

Spanish I  
Spanish II (P)  
Spanish III (P)

### Music

- \*Mixed Chorus
- \*Jazz Studies-1<sup>st</sup> sem
- Wind Ensemble
- \*Pit Band-2<sup>nd</sup> sem
- \*Theater Tech-2<sup>nd</sup> sem
- \*Jazz Ensemble
- \*U.S. Literature & Styles of Music-1<sup>st</sup> sem

### Technology Education

Cabinetmaking/Manufacturing-also advanced  
\*Design/Communication  
\*Exploring Construction-also advanced  
\*Industrial Enterprise  
Intro to Welding & Safety-TC  
\*Ornamental Metals  
Power & Energy-also advanced

## 11/12 Grade Course Offerings

### Required Subjects

#### English 11

- **English 12-teacher approval for all**
- \*ENGL 101: English Composition-CAPP, and
- \*ENGL 150: Intro to Literature-CAPP
- \*Oral/IP Communication, and
- \*Written Communication

#### Physical Education

- Jr/Sr Lifetime Fitness

#### Career Portfolio (ACP)

#### Social Studies

Juniors: US History 11 is required

Juniors/Seniors:

- \*Economics-CAPP-2<sup>nd</sup> sem  
(teacher approval required)
- \*Personal Finance-1<sup>st</sup> or 2<sup>nd</sup> sem.  
**graduation requirement**
- \*Psychology-1<sup>st</sup> semester
- \*Social Problems-2<sup>nd</sup> semester
- \*World History-1<sup>st</sup> or 2<sup>nd</sup> sem.  
(teacher approval required)

### Electives

+ = 1/4 credit semester course

\* = 1/2 credit semester course

(P) = prerequisite-see course description for details.

### Art

Art I-Intro to Studio Art

Art II-Intermediate Studio Art (P)

Art III-Advanced Studio Art (P)

### Business Education

Accounting I-TC

Accounting II-TC (P)

Accounting III (P)

\*Advanced Desktop Publishing (P)

\*Desktop Publishing

\*Introduction to Business

\*Microsoft Office Suite-TC

\*Microsoft Word/Excel (P)

\*Sport & Entertainment Business

\*Web Page Design

### Computer Science

Intro to Computer Science

Advanced Computer Science (P)

### Foreign Language

Spanish I

Spanish II (P)

Spanish III (P)

Spanish IV (P)

Spanish V (P)

### Health & Wellness- 1/4 credit each (offered opposite PE-see page 23)

+Personal Fitness

+Food & Nutrition

+First Aid/Athletic Trng

### Mathematics

Algebra I (for Voc Math students)

Algebra II (P)

Calculus for Advanced Placement (P)

Geometry (P)

Senior Math (P)

Statistics (P)

### Music

\*Mixed Chorus

Wind Ensemble

\*Jazz Ensemble

\*U.S. Literature & Styles of Music-1<sup>st</sup> sem

\*Jazz Studies-1<sup>st</sup> sem

\*Pit Band-2<sup>nd</sup> sem

\*Theater Tech-2<sup>nd</sup> sem

### Science

Advanced Biology (P)

Anatomy & Physiology (P)

Chemistry I

Chemistry II (P)

Ecology (P)

Physics (P)

### Technology Education

\*Basic Auto Mechanics

Cabinetmaking/Manufacturing-also advanced

\*Design/Communication

\*Exploring Construction-also advanced

\*Industrial Enterprise

Intro to Welding & Safety-TC

\*Ornamental Metals

Power & Energy-also advanced

Welding II-GMAW Techniques-TC (P)

### Other Opportunities

Distance Learning Lab

\*Teacher Assistant

Youth Apprenticeship

Early College Credit/Start College Now

**Art I-Intro to Studio Art**

Elective

Grade: 9-12

Length: One year

Credit: 1

Prerequisite: None

Art I courses are the foundation courses for the study of visual arts media. Students are introduced to drawing, painting, sculpture, ceramics, graphic design, and metals, with the emphasis on the elements and principles of art and design. Students engage in studio production, explore themes in art history and are challenged with basic art criticism and aesthetic valuing.

\*Students in Art I must receive a grade of a B- or higher to move on to Art II

**Art II-Intermediate Studio Art**

Elective

Grade: 10-12

Length: One year

Credit: 1

Prerequisite: successful completion of Art I with a grade of B- or better

Art II courses are the intermediate courses for the study of visual arts media through drawing, painting, sculpture, ceramics, graphic design, and metals. This is a studio course which places emphasis upon reinforcing and building on material covered within Art I. Students will increase proficiency of expression in various media and understanding of historical themes and artistic movements.

\*Students in Art II must receive a grade of a B- or higher to move on to Art III.

**Art III-Advanced Studio Art**

Elective

Grade: 11-12

Length: One year

Credit: 1

Prerequisite: successful completion of Art II with a grade of B- or better

The Advanced Studio Art course is designed for students who are seriously interested in the practical experience of art. This course is not based on units of a variety of art lessons throughout the school year, but rather a cumulative series of work. Advanced Studio Art students are expected to create a 12-piece series using any media by the end of the year (3 pieces per quarter). From the end of the second quarter to the end of the year, students will create their own website to display and describe their work, as well as their experience as an artist. All Art III students are expected to become independent thinkers and to apply their knowledge (gained from Art I and II) of the Elements and Principles of Art and Design to their work (regardless of media) in order to demonstrate mastery of advanced level design skills and concepts. Ongoing critical analysis through group and individual critiques provide students with opportunities to learn to analyze their own work and their peers' work.



**Accounting I-TC**

Elective

Grade: 10-12

Length: One year

Credit: 1

Prerequisite: None

Accounting I is designed for students wishing to explore careers in accounting or business. Students will be equipped with a broad knowledge of business operations and the basic skills they will need to keep and analyze business records. Knowledge of accounting contributes to a person's ability to earn a living, understanding of the activities of the business world, and competence in managing personal affairs. Use of a variety of practice sets, which include checkbooks, accounting forms, and source documents, allows students to experience what accounting in an office setting is like. (Students can receive credit from Lakeshore Technical College upon successful completion of this course).

**Accounting II-TC**

Elective

Grade: 11-12

Length: One year

Credit: 1

Prerequisite: Accounting I

Accounting II addresses the needs of students who want a strong foundation in basic accounting theory and procedures. Students will achieve mastery of basic accounting concepts and procedures while working with a variety of practice sets to simulate accounting in an office setting. (Students can receive credit from Lakeshore Technical College upon successful completion of this course).

**Accounting III**

Elective

Grade: 12

Length: One year

Credit: 1

Prerequisite: Accounting II

Accounting III is designed for students who will be going into business and/or accounting in college or technical college. Students will complete the Advanced Accounting book and learn computerized accounting procedures.

**Advanced Desktop Publishing**

Elective

Grade: 10-12

Length: One semester

Credit: .5

Prerequisite: Desktop Publishing

This course is designed for those students who enjoy working with Photoshop and are interested in marketing and design. Students will learn advanced design techniques using Photoshop including pattern fills, design effects, and filters. The final project includes redesigning your favorite board game.

**Desktop Publishing**

Elective

Grade: 10-12

Length: One semester

Credit: .5

Prerequisite: None

This is a course in desktop publishing design. The student will change ordinary typewritten text into attractive, professional looking documents using design elements such as font faces, font styles, font sizes, graphics, lines, spacing techniques, clipart, and the Internet. Students will design a menu for a restaurant of their choice, a brochure about their favorite travel destination, newsletters, a calendar and more. If you are ready to use your creativity and computer knowledge to design projects of your own, this is the class for you.

**Introduction to Business**

Elective

Grade: 9-12

Length: One semester

Credit: .5

Prerequisite: None

This course provides students the groundwork in business, economics, and marketing occupations. Learn steps to become an entrepreneur, and market your products and services effectively.

**Microsoft Office Suite-TC**

Elective

Grade: 9-12

Length: One semester

Credit: .5

Prerequisite: none

Microsoft Office Suite will introduce Microsoft Word, Excel, and PowerPoint to students using the curriculum from Fox Valley Technical College. In this course students will learn the basics needed to use each application for school, work, and home. (Students can receive credit from FVTC upon successful completion of this course).

**Microsoft Word/Excel**

Elective

Grade: 9-12

Length: One semester

Credit: .5

Prerequisite: Microsoft Office Suite-TC

Microsoft Word is a word processing application and Microsoft Excel is a spreadsheet application. In this course students will learn advanced features of both Word and Excel by creating documents and spreadsheets that contain headers/footers, endnotes/footnotes, tables, charts, formulas, and much more. This course builds on what was learned in Microsoft Office Suite.

**Sport and Entertainment Business**

Elective

Grade: 10-12

Length: One semester

Credit: .5

Prerequisite: None

Marketing is the tool that has allowed the United States Economy to be one of the most successful in the world. Come and learn how fans and companies spend billions of dollars each year on sport and how entertainment is one of the largest exports from the United States to the rest of the world. Students will learn the basic functions of marketing and how those functions are applied to sport and entertainment. At the end of the semester students will be able to use their knowledge in sport and entertainment to create their own arena.

**Web Page Design**

Elective

Grade: 10-12

Length: One semester

Credit: .5

Prerequisite: None

The world has become digital with an estimate of over two billion web pages on the Internet. Our global market depends upon effective communication over the net. In this class students will learn how to create web pages that will attract and hold the viewer's interest. This class will use software programs such as Dreamweaver and Photoshop to design web pages. Join us for an exciting new adventure in creating web pages.

**Transcribed-(TC) Credit**

Fox Valley Technical College (FVTC) and Lakeshore Technical College (LTC) have established dual (transcribed) credit agreements with Hilbert High School. To be eligible for dual (transcribed) credit students must complete the high school course with a C grade or better and have "transcribed credit" (TC) indicated on their high school transcript. The student will receive 2 separate grades for the course—one on their high school transcript and one on their technical college transcript (Note: the grades may differ depending on the grading scales used by the technical colleges).

**Graduation Requirement****Careers Portfolio**

Length: four years  
Prerequisite: None

Grade: 9 through 12  
Credit: No credit-**student must complete satisfactorily to graduate**

As part of the Academic & Career Plan (ACP), a career portfolio is required. This portfolio is a 4-year process where students develop an online career portfolio on the Career Cruising website. Students will use the homeroom period to develop career readiness skills, leadership skills, study skills, and life learning skills. This includes, but is not limited to, developing the following items: personal education plan, interest inventories, post-secondary information, résumé, letter of application, awards, co-curricular experiences, community service experiences, and employment experiences. Career-related field trips may also be included. The portfolio process will culminate with a mock interview with a business/community member. **Successful completion of the portfolio based on faculty review is a graduation requirement.**

**Computer Science****Introduction to Computer Science**

Elective  
Length: One year  
Prerequisite: None

Grade: 10-12  
Credit: .5

Introduction to Computer Science will be an engaging course that allows students to explore a variety of basic computational thinking and programming concepts through a project-based learning environment. Students will learn to code by completing comprehensive projects and practicing the skills they are learning. We will explore computer languages like Java and Python to build web-based applications, games, and other projects.

**Advanced Computer Science**

Elective  
Length: One year  
Prerequisites: Intro to Computer Science

Grade: 11-12  
Credit: 1

Advanced Computer Science is an introduction to computer programming using the Java programming language, with an emphasis on object-oriented programming, problem solving, computer science theory, applications, algorithms, programming style, and programming design. This challenging class is for students who are interested in an in-depth course in computer science theory and practice.

## Driver Education-Summer Classroom

Elective

Length: 4 weeks

Prerequisite: None

Grade: 9/10

Credit: no credit

The state requirement for Driver Education is 30 hours of classroom instruction. To meet this requirement one class will be offered during the month of June for eligible students (based on age). The purpose of this class is to help develop good attitudes, ideas and skills that the students will apply to driving in our society now and in the future. **A parent registration and information night will be held in April.**

## Driver Education-Road

Length: 6 hours of driving and 6 hours of observation

Prerequisite: Driver Ed Classroom

Cost: \$250.00

No student may enroll in behind the wheel driving unless he or she has successfully passed the classroom phase. The full fee must be paid before the student begins driving.

**Graduation Requirements - 4.0 credits**

Grade 9: English 9 – 1 credit

Grade 10: English 10 – 1 credit

Grade 11: English 11 - 1 credit

Grade 12: English 12-Transcribed Credit English courses-1 cr. *or* College Credit English courses-1 cr.**English 9**

Required

Grade: 9

Length: 1 year

Credit: 1.0

Prerequisite: none

In English 9, students will read and respond to several short stories, plays, poems, and novels in order to develop as self-directed learners and foster a deeper understanding of the human experience. Special emphasis is given to the writing process, the development of a paragraph, research skills, and essay writing.

**English 10**

Required

Grade: 10

Length: 1 year

Credit: 1.0

Prerequisite: English 9

English 10 students will read and respond to several poems, short stories, novels, and plays from a variety of genres to develop as self-directed learners and foster a deeper understanding of the human experience. Special emphasis is given to expository writing and inquiry skills. Planned oral activities develop skills needed for both formal and informal speaking situations.

**English 11**

Length: 1 year

Grade: 11

Prerequisite: English 9, English 10

Credit: 1.0

Students will read and respond to several literary and non-fiction texts from very diverse styles and historical eras in order to develop as self-directed learners and foster a deeper understanding of the human experience. Students will write personal essays, analytical and researched inquiry papers, creative fiction and scripts, and will produce multi-media projects like comics, videos, songs, and plays. Special emphasis is given to research skills and revision of writing.

**Dual Credit English Courses (CAPP-St. Norbert College)**

Seniors will have the option of taking up to two semester-long, dual-credit English classes. Successful completion of these classes will earn high school credit, as well as 4 credits (each) from St. Norbert College. In addition, these courses may be accepted for credit at other Wisconsin colleges and universities. Check with the individual college or university to confirm transferability of the courses. Students who wish to enroll for college credit will need to pass an entrance exam taken during the spring of their junior year (one exam will count for both classes), pay tuition (\$180 per semester-subject to change), and purchase any required textbooks.

**ENGL 101: English Composition-CAPP**

Length: 1 semester

Grades: 12

Prerequisite: English 9, English 10, English 11

Credit: .5 HS + 4 college (St. Norbert)

**Teacher approval and entrance exam required**

This is a course designed to introduce you to college writing, emphasizing writing as a process. It focuses on rhetoric, producing and organizing ideas, conducting research, developing paragraphs, and improving your overall composition skills. We will review basic conventions of punctuation, grammar, spelling and usage as needed. In addition we will practice pre-writing, editing, and revising skills.

**ENGL 150: Introduction to Literature-CAPP**

Length: 1 semester

Grades: 12

Prerequisite: English 9, English 10, English 11

Credit: .5 HS + 4 college (St. Norbert)

**Teacher approval and entrance exam required**

This Introduction to Literature course will concentrate on developing the skills necessary to read closely and analyze college-level literature. Most of the content of the course is designed to provide the student with practice reading and writing about literature in a manner that will facilitate success in future college classes. The literature in this course will be drawn from a wide range of literary genres and historical periods and will be representative of a number of cultures. Students will read a comprehensive range of short fiction, poetry, plays, and novels. In this course, we will discuss and evaluate literature within the larger contexts of culture and history in order to develop an appreciation of literature as an important social discourse.

**Dual (Transcripted Credit-TC) English Courses -Fox Valley Technical College**

Seniors will have the option of taking up to two semester-long, dual-credit English classes. Successful completion of these classes will earn high school credit, as well as (with a grade of C or better), 3 credits (each) from Fox Valley Technical College. **Students who wish to enroll for technical college credit will need teacher approval.**

**Written Communication**

Length: 1 semester

Grades: 12

Prerequisite: English 9, English 10, English 11

Credit: .5 + 3 FVTC

**Teacher approval required**

This course teaches the writing process which includes prewriting, drafting, and revising. Through writing assignments, students analyze audience and purpose, research and organize ideas, and format and design documents based on subject matter and content. Class sessions and assignments involve giving oral presentations and using computers. Course completion will require mastery of FVTC Course Competencies and demonstration of Employability Essentials (developed by FVTC and local employers).

Upon completion of Written Communication, students will be able to: produce business letters, write business documents in collaboration with others, produce business memos, write a set of instructions, present a project orally, produce a visual to support at least one written project, write a summary, write a short report, write a research-based document.

**Oral/Interpersonal Communication**

Length: 1 semester

Grades: 12

Prerequisite: English 9, English 10, English 11

Credit: .5 + 3 FVTC

**Teacher approval required**

This course is designed to help develop interpersonal and oral communication skills in your chosen career field. You will have the opportunity to develop necessary job related skills such as the abilities to work as a team, to manage time effectively, to think critically, and to solve problems. During the course, students will work on a variety of subjects with classmates as well as work on individual assignments. Students will also need to demonstrate that they are able to perform all Employability Essentials (developed by FVTC and local employers).

**Spanish I**

Elective

Grade: 9-12

Length: One year

Credit: 1

Prerequisite: None

This course will provide students with the basics of the Spanish language. Students will develop listening, speaking, reading, and writing skills. The course includes:

- Introductions to the fundamentals of the Spanish language (vocabulary, grammar and structure)
- Listening skills
- Conversational skills
- Introduction to the cultures of Spanish-speaking countries

Students will be able to understand and to produce utterances based on topics from daily life, to understand and to answer questions about real experiences, to react in social situations, to show spontaneity and creative language use, and to demonstrate a basic awareness that cultural differences exist.

**Spanish II**

Elective

Grade: 9-12

Length: One year

Credit: 1

Prerequisite: Spanish I or successful completion of Spanish 7 &amp; 8

This course is a continuation of Spanish I and should enable students to develop more fluent listening, speaking, reading, and writing skills. This course includes:

- Review of all the major items from Spanish I
- More advanced study in conversation and grammatical construction
- Continued study of Spanish-speaking cultures

**Spanish III**

Elective

Grade: 10-12

Length: One year

Credit: 1

Prerequisite: Spanish I or Spanish 7/8, Spanish II

This course is a continuation of Spanish I & II and should enable students to develop more fluent listening, speaking, reading, and writing skills. This course includes:

- Review of all important material presented in prior Spanish courses
- More advanced study in conversation and grammatical construction
- Development of writing skills in Spanish

**Spanish IV**

Elective

Grade: 11-12

Length: One year

Credit: 1

Prerequisite: Spanish I or Spanish 7/8, Spanish II, &amp; Spanish III

The purpose of this course is to continue developing more fluent listening, speaking, reading and writing skills. Students will study the cultures of Spanish-speaking countries by reading authentic literature and studying the histories of different countries.

**Spanish V**

Elective

Grade: 12

Length: One year

Credit: 1

Prerequisite: Spanish I or Spanish 7/8, Spanish II, III &amp; IV

The purpose of this course is to continue developing more fluent listening, speaking, reading and writing skills. Students will continue studying the cultures of Spanish-speaking countries by reading authentic literature and studying the histories of different countries.



## Health 9 (Graduation Requirement)

Length: 1 year alternating opposite PE 9  
Prerequisite: None

Grade: 9  
Credit: .5

Health education is required of all freshmen and incoming transfer students without this course. Topics discussed include: self-concept, personality development, drug use and abuse, alcohol, tobacco use, sexuality, disease, AIDS, first aid and nutrition.

**The following semester courses are offered opposite of PE for juniors and seniors only:**

## First Aid & Athletic Training

Elective  
Length: **First semester** opposite PE  
Prerequisite: None

Grade: 11-12  
Credit: .25

This course will provide an overview of the basic principles in first aid and athletic training. Students will demonstrate knowledge of first aid procedures and how to apply them to real world scenarios. In addition, students will understand the current practices and techniques used in sports medicine including taping and splinting.

## Food & Nutrition

Elective  
Length: **Second semester** opposite PE  
Prerequisite: None

Grade: 11-12  
Credit: .25

Food and nutrition will emphasize the nutritional value of food while utilizing the food pyramid. Students will have the opportunity to develop and practice food preparation skills and learn basic skills in serving and storing food.

## Personal Fitness

Elective  
Length: **First & Second semester** opposite PE  
Prerequisite: None

Grade: 11-12  
Credit: .25

This class will emphasize the importance of involvement in positive physical fitness daily in order to develop and maintain a healthy life. Students will develop a personal fitness plan each semester and will learn about and participate in activities that promote a physically active lifestyle.

**Graduation Requirements-3 credits**

Grade 9: Vocational Math or Algebra I

Grade 10: Algebra I or Geometry

Grade 11: Geometry or Algebra II

**Algebra I**

Elective

Length: One year

Prerequisite: None

Grade: 9-12

Credit: 1

Algebra I is a branch of mathematics which has two main objectives. The first is to prepare the student for continued study in mathematics. The second is to organize the student's thoughts to solve mathematical problems that everyone faces from day to day. Students will be required to do daily homework assignments along with quizzes and chapter tests. **Scientific calculators are required for this course.**

**Algebra II**

Elective

Length: One year

Prerequisite: Algebra I &amp; Geometry

Grade: 10-12

Credit: 1

This course expands on the topics covered in Algebra I and introduces students to imaginary numbers, logarithms, exponential functions and trigonometry. Algebra II is strongly recommended for students continuing their education beyond high school. **Scientific calculators are required for this course.**

**Calculus for Advanced Placement**

Elective

Length: One year

Prerequisite: Senior Math

Grade: 12

Credit: 1

Calculus for Advanced Placement is an advanced mathematics course designed to challenge students with the concepts and techniques found in a college calculus course. Students are expected to take the AP Calculus test in the spring. A score of 3 or better allows the student to receive credit for the corresponding course at most universities and colleges in the U.S. **"TI 84 plus" calculators are required for this course.**

**Geometry**

Elective

Grade: 9-12

Length: One year

Credit: 1

Prerequisite: Algebra I

This course deals with the ideas of space, sets, and figures. Knowledge of algebra is essential before taking this course. Ideas covered include:

- Induction
- Deduction
- Angles
- Parallel and perpendicular lines
- Triangles and other polygons
- Circles
- Surface area and volume

**Scientific calculators are required for this course.** Students will be required to do daily written assignments along with quizzes and chapter tests.

**Senior Math**

Elective

Grade: 11-12

Length: One year

Credit: 1

Prerequisite: Algebra II &amp; Geometry

This is an advanced course that should be taken by students who plan to continue their education after graduation. The first semester is devoted to trigonometry. A review of some algebraic techniques and an introduction to basic calculus is covered in the second semester. This course requires a strong knowledge of Algebra & Geometry. Daily assignments along with periodic tests are required. This course is available to seniors and students in the Accelerated Math Program only. **Scientific calculators are required.**

**Statistics**

Elective

Grade: 11-12

Length: One year

Credit: 1

Prerequisite: Algebra 2

Statistics, which is a required course for many college majors, acquaints students with concepts and tools used to collect, analyze and draw conclusions from data. Topics include: central tendency (mean, median, mode, standard deviation), normal distribution, probability, combinations, permutations, surveys, sampling distributions and hypothesis testing procedures. **TI-84 calculators are required for this course.**

**Vocational Math**

Elective

Grade: 9-12

Length: One year

Credit: 1

Prerequisite: None

This is a basic math course meant for students looking for another year to develop their math skills before taking Algebra I. The major concepts covered in vocational math include basic geometry; graphs, statistics, and probability; problem solving & everyday applications; basic algebra.

**Mixed Chorus**

Elective  
Length: One semester  
Prerequisite: None

Grade: 9-12  
Credit: .5

Mixed Chorus is open to any high school student who wishes to participate in a choral ensemble. Choral literature of many styles (pop, classical, vocal jazz, etc.) will be studied throughout the class. Attendance at all performances is required. Concerts will be performed in the fall, winter and spring. There are also opportunities for students to work in smaller ensembles in preparation for district solo & ensemble contests. Participation, effort and a positive attitude will lead to a success for the choir student.

**Jazz Ensemble**

Elective  
Length: One semester or full year  
Prerequisite: Approval of band director

Grade: 9-12  
Credit: .5

Jazz Ensemble provides the opportunity for students to perform in a jazz ensemble in the classroom and through public performances. A wide variety of styles will be studied and performed throughout the semester. Attendance at concerts and other public performances is required. Students can take this course both semesters.

**Wind Ensemble**

Elective  
Length: One year  
Prerequisite: None

Grade: 9-12  
Credit: 1

Wind Ensemble provides the opportunity for students to perform in large and small ensembles in the classroom and through public performances. A wide variety of musical styles are studied and performed including Classical, Jazz and Pop. Attendance at concerts and other public performances is required. Concert band, jazz band, pep band, pit band and solos and/or ensembles are among the variety of performance opportunities available to the band student.

**Jazz Studies**

Elective  
Length: **offered 1<sup>st</sup> semester**  
Prerequisite: None

Grade: 9-12  
Credit: .5

Jazz Studies will be offered as a one semester, lecture style class. Students will actively listen, analyze and critique a variety of jazz recordings. Assessment of student analysis and critique will be both verbal and written. Students will be introduced to significant jazz artists and historically significant styles of jazz through assigned readings, recordings and video presentations.

## U.S. Literature and Styles of Music

Elective

Grade: 9-12

Length: **offered 1<sup>st</sup> semester**

Credit: .5

Prerequisite: None

US Literature & Styles of Music is a one semester class. Students will be introduced to the music of our nation from its founding to current trends in the music industry through recordings, printed music, video and readings. Students will be expected to participate in class discussions, performance during class on historically appropriate instruments, offer educated opinions, debate topics, and submit original papers and other approved projects demonstrating their knowledge of topics discussed during class. Styles and trends will include European influences on early American Music beginning in 1776 through present music trends.

## Pit Band

Elective

Grade: 9-12

Length: **offered 2nd semester**

Credit: .5

Prerequisite: **Instructor approval** and appropriate performance skills on an approved instrument.

Pit Band will be offered as a one semester class offered during the semester of the school musical (and opposite of jazz studies). Students wishing to participate in the pit band must have the approval of the band director. Class instruction will include preparation for the school musical production, preparation for outside-of-school performance opportunities (requests from outside groups, local senior care centers, etc.), as well as preparing for performances with the Wind Ensemble and Pep Band. Due to the nature of rental material, music in this type of setting is several grade levels higher than music prepared by a typical concert band program.

## Theater Tech

Elective

Grade: 9-12

Length: **offered 2nd semester**

Credit: .5

Prerequisite: None

Theater Tech is an introduction to technical theater for the high school student. Concepts and techniques used in theater productions will be introduced. Topics will include Set Design & Construction, Make-up, Costuming, Lighting & Special Effects, Sound Reinforcement, Prop Design, Painting Techniques and Theater Management. Theater Tech is an interactive class and is project based. Students will be assessed on the skill development and quality of their projects. The class will be assisting on the design and building of our school productions including sets, lighting, sound reinforcement, costumes and props. The class will also be available to offer help to other school districts on their productions as a practical business application of the skills learned during class.

## Graduation Requirements-2 credits

### Freshmen Physical Education

Required Grade: 9  
Length: One year Credit: .5  
Prerequisite: None

Freshmen physical education is held on alternating days throughout the year. During this time the following units will be run: fitness, softball, archery, weight training, volleyball, badminton, soccer, basketball, speedball, kickball, hockey, plyometrics, matball, tae-bo, and ring hockey.

### Sophomore Physical Education

Required Grade: 10  
Length: One year Credit: .5  
Prerequisite: None

Sophomore physical education is held on alternating days throughout the year. Sophomores will participate in the following units: fitness, softball, challenge course, soccer, volleyball, badminton, floor hockey, speedball, basketball, weight training, kickball, plyometrics, matball, tae-bo and ring hockey.

### Junior/Senior Lifetime Fitness

Required Grade: 11-12  
Length: every other day offered in conjunction with health & wellness electives, or one semester every day for students with scheduling conflicts (.5 credit) Credit: .25/sem.  
Prerequisite: None

Students will be able to choose from twelve units that will be offered during the following semesters:  
First Semester – orienteering, ultimate frisbee, yard games, bowling, archery, handball.  
Second Semester – cycling, disc golf, shelter building, volleyball, ropes course, racquet ball.

**It is Hilbert High School's philosophy that students remain active throughout their high school career. Students may take extra PE credit during junior and senior year to free up scheduling space for youth options or youth apprenticeship. However, PE must be included each year if it fits in the student's schedule, even after the minimum 2.0 credits have been attained.**

**Graduation Requirements-3 credits**

Grade 9: Physical Science

Grade 10: Biology

Grade 11: Your choice of courses offered for grades 11/12

**Advanced Biology**

Elective

Grade: 11-12

Length: One year

Credit: 1

Prerequisite: Biology, or open to sophomores ready  
for a challenge (instructor approval required)

This is an advanced version of the standard biology class and is designed to prepare students for college level science courses. The pace and depth of concept knowledge will be challenging and accelerated.

**Anatomy & Physiology**

Elective

Grade: 11-12

Length: One year

Credit: 1

Prerequisite: Biology

This course studies the human body from the cellular level through the various organ systems. Laboratory dissection is mandatory.

**Biology**

Required

Grade: 10

Length: One year

Credit: 1

Prerequisite: None

This is a laboratory-gearred course focusing on the molecular approach to biological concepts affecting all living things. Topics of study include cell theory, genetics, plant anatomy and physiology, and a broad view of the plant and animal kingdom.

**Chemistry I**

Elective

Grade: 11-12

Length: One year

Credit: 1

Prerequisite: None

The emphasis of this course is to prepare students for similar chemistry courses taken at the postsecondary level. In this course the concepts of mass and energy are applied to physical and chemical changes through laboratory experiences and problem solving activities. Three units in organic chemistry and biochemistry are covered during the 4<sup>th</sup> quarter. This course is recommended for students who plan on going to technical college or university and who plan on careers in any science, teaching, engineering, environmental or medical fields. A grade of "C" or better is required in order to get accepted by almost all schools of nursing.

**Chemistry II**

Elective

Grade: 12

Length: One year

Credit: 1

Prerequisite: Chemistry

Students will cover additional topics in chemistry that include chemical equilibrium, electrochemistry, solutions, acids and bases, reaction rates, oxidation and reduction, thermodynamics, nuclear chemistry, and qualitative analysis. Students will also be doing AP level laboratory experiments and have the option of preparing for, and taking the AP Chemistry exam the first week of May.

**Ecology**

Elective

Grade: 11-12

Length: One year

Credit: 1

Prerequisite: Biology

This course involves the study of our environment – physical factors, symbiotic relationships, water quality, soil quality and pollution. Students will realize man's impact on planet Earth through laboratory study and investigation.

**Physical Science**

Required

Grade: 9

Length: One year

Credit: 1

Prerequisite: None

This course is based upon students working in cooperative groups in order to carry out laboratory activities in which they collect and analyze data, and interpret cause and effect. A textbook is not used in this class. Students will be given copies of all activities, homework assignments and readings and will be required to keep all materials in a 3-ring binder. Students will begin by studying the graphical and mathematical relationships of motion. For the remainder of the school year, students will cover 7 units within the science of chemistry that include properties of matter, energy and phases of matter, gas laws, The Kinetic Molecular Theory, the history and development of modern atomic theory, mixtures and compounds, relative mass and moles, chemical reactions and equations, and mass relationships during chemical reactions. Graphical and mathematical relationships will continue to be developed.

**Physics**

Elective

Grade: 11-12

Length: One year

Credit: 1

Prerequisite: Algebra I, Geometry

The emphasis of this course is to prepare students for university level science courses. Students will work in cooperative groups and learn how to use multiple representations for solving problems, analyzing data and explaining the cause and effect of lab activities. The topics of study throughout this course will include linear and circular motion, forces, energy transfer, simple harmonic motion, wave behavior and functions, properties of sound and light and geometric optics. Physics is required for students pursuing careers in engineering and is recommended for students planning on careers in physical therapy, education or any science-related or medical field.



---

**Graduation Requirements-3 credits, plus Personal Finance**

Grade 9: World Geography

Grade 11: US History 11

Grade 10: US History 10

Grade 11 or 12: Personal Finance

**World Geography**

Required

Grade: 9

Length: One year

Credit: 1

Prerequisite: None

The student surveys the nations of the world inquiring into geographic and global issues. Development, population & resources, global economy, political change, environmental pollution, and natural hazards are just a few of the many topics examined throughout the course. Mapping skills are also extensively covered while exploring the regions of the world. On a weekly basis students will also integrate current events into classroom discussions of world geography.

**U.S. History 10**

Required

Grade: 10

Length: One year

Credit: 1

Prerequisite: None

Students will study the history of our nation from exploration to reconstruction. Major emphasis is placed on the Colonial Period, the Revolutionary War, the U.S. Constitution, and the Civil War. Additional units covered include Native American History and Wisconsin Government. Emphasis is placed on the development of reading, research and mapping skills. On a weekly basis, students integrate current events with events of the past in studying U.S. History.

**U.S. History 11**

Required

Grade: 11

Length: One year

Credit: 1

Prerequisite: None

Students will study the history of our nation from reconstruction to the present. Major emphasis is placed in Industrialization, World War I, World War II, Civics, and America's role in the world today. Continual development of reading, research and mapping skills is emphasized along with continual integration of current events in studying U.S. History.

**Economics-(with CAPP option)**

Elective

Grade: 11-12

Length: One semester

Credit: .5

Prerequisite: **Instructor Approval**

This 2<sup>nd</sup> semester course will examine how people deal with the issue of scarcity. In doing this, students will examine supply, demand, price, markets, money, and many other aspects dealing with the study of economics. This class is intended to increase student knowledge of economic principles and practices. After completing this course, students will have a better understanding of economic challenges they will face throughout their life. **Students have the option of taking this course for 3 college CAPP credits through UW-Oshkosh at a reduced fee. To qualify for the course students must meet one of the three following criteria: 3.25 cumulative GPA, top 10% of your class, or minimum composite ACT score of 24.**

## Personal Finance

### Graduation requirement

Length: One semester

Grade: 11-12

Prerequisite: None

Credit: .5

The purpose of this 1<sup>st</sup> semester course is to introduce students to the world of personal finance. Students will investigate budgeting, careers, employment, taxes, savings, loans, investing, debt and collections. Through this analysis, students will develop skills which will help them manage their financial future. **Although Personal Finance is a graduation requirement, it may not count for social studies credit at some universities.** Students should check with the college admissions offices.

## Psychology

Elective

Grade: 11-12

Length: One semester

Credit: .5

Prerequisite: None

This 1<sup>st</sup> semester course will examine the issue of human behavior. Topics include biopsychology, perception, consciousness, learning, memory, intelligence and psychological disorders.

## Social Problems

Elective

Grade: 11-12

Length: One semester

Credit: .5

Prerequisite: None

This 2<sup>nd</sup> semester course deals with human interactions, both as a member of society and as an individual within society. Students will study many of the issues that are driving the rapid change in our society. Topics include race, population, gender, politics, deviance, the economy and many more.

## World History

Elective

Grade: 11-12

Length: One semester or one year

Credit: ½ or 1

Prerequisite: **Instructor recommendation required**

This class can be taken as either a semester or a year-long course. While emphasis in both semesters is placed on western civilization, the first semester will consist of studies of older civilizations and developments and their impact on the modern world, concluding at roughly 1000 AD. **First semester** will also include some studies of other social sciences such as anthropology and archeology. The **second semester** will look at the world in what is considered the "modern" era, starting roughly from 1000 to 1500 AD, depending upon the area focused on, with some reexaminations of earlier epochs. Warfare, technologies and cultural diffusion will be common threads in the second semester.

## Auto Mechanics

Elective  
Length: one semester  
Prerequisite: Power & Energy

Grade: 11-12  
Credit: .5 credit

This is primarily a hands-on course designed to give students a more in-depth study of the automobile. Major units of study will be engine parts and functions, ignition systems, cooling systems, fuel systems, brakes, drive train systems and basic skills required to properly maintain today's automobile. This course is valuable to every student as a career or hobby, and to become a knowledgeable consumer in auto purchasing and repair. Through the use of a competency list each student is exposed to over forty phases of auto servicing.

## Cabinetmaking & Manufacturing

Elective  
Length: One year  
Prerequisite: None

Grade: 9-12  
Credit: 1

This is primarily a woods course that teaches students the proper usage of hand and power tools. Students will flow-chart and manufacture a design idea from raw materials to a finished product. Topics covered include: safety, major woodworking machine operations, cost estimating, wood joinery, drawer construction, raised panel door construction, sanding and spray finishing. Students are allowed to build projects of their choice. The practical application of math will be emphasized throughout this course, as will the development of problem solving and decision making skills. A small materials fee will be charged for students' personal projects.

## Design & Communication

Elective  
Length: One semester  
Prerequisite: None

Grade: 9-12  
Credit: .5 credit

This course covers the various forms of communication used by industry. Group problem solving is incorporated into the curriculum. The following topics are covered: mechanical drafting, architectural drafting, graphics, sketches, computer-aided drafting (CAD), and calculating strengths of various materials. This course is strongly recommended for any student planning on going into the construction trades or any form of engineering. Solidworks will be the primary CAD program utilized.

## Exploring Construction

Elective  
Length: one semester  
Prerequisite: None

Grade: 9-12  
Credit: .5 credit

This course provides students with a working understanding of the design, planning, and construction of a structure on site. Students may be involved in one outdoor group project such as a garage or small storage shed construction. Students learn major concepts through hands-on activities using contemporary tools and materials. The following topics may be covered, depending on the class project - commercial, residential, highway, bridge and pipeline construction, tool safety, plumbing installation and repair, electrical installation and repair, heating and air conditioning, natural gas safety, welding (arc, gas, mig, tig), model construction, architectural blueprint reading and computer stress designs. A small materials fee will be charged for students' personal projects.

---

## Industrial Enterprise

Elective  
Length: One semester  
Prerequisite: None

Grade: 9-12  
Credit: .5

This course is designed to give students a realistic experience in applying management and production skills. The students will design, finance, plan, produce, market and distribute a product. In essence, the students will start and operate a small business enterprise. A small materials fee will be charged for students' personal projects.

## Ornamental Metals

Elective  
Length: One semester  
Prerequisite: None

Grade: 9-12  
Credit: .5

This is a basic introductory to metals course. In this class the students will use the CNC Plasma cutter, benders, sheer, grinders, mig welder, spot welder, torch and hand tools to create plant holders, yard art, signs, and other projects to learn how to manipulate metal into a useful state. Students will also learn to powder coat paint. A material fee will be charged for students personal projects.

## Power and Energy

Elective  
Length: One year  
Prerequisite: None

Grade: 9-12  
Credit: 1

This is a hands-on course focused on the operating principles of small gas and automotive engines. Students will completely disassemble a small engine under the direction of the instructor, and put it back together; testing it to make sure it runs. Major topics of study include: measuring and testing equipment, ignition systems, carburetion systems and charging systems. Other topics that may be covered are: alternative energy sources, electricity, oxy-acetylene welding, TIG, MIG and ARC welding, soldering, brazing and metal fabrication. A small materials fee will be charged for students' personal projects.

## Intro to Welding & Safety-TC

Elective  
Length: One year  
Prerequisite: None

Grade: 10-12  
Credit: 1

This is an introductory course with no experience needed, primarily focusing on welding, along with some metals projects. Students can also earn dual (transcripted) credit with Fox Valley Tech. We will explore welding careers, vocabulary, and a combination of welding joints using primarily wire feed with some stick welding. Students will learn how to safely use the sheer, band saw, grinders, CNC plasma, hand held plasma, & Oxy Fuel torch. We will also learn how to properly set up and operate GMAW & SMAW welders and cover safety aspects when using them, demonstrate basic print reading, identify weld faults and techniques. A fee will be charged for any projects taken home.

## Welding II-GMAW Techniques -TC

Elective  
Length: One year  
Prerequisite: Intro to Welding & Safety-TC

Grade: 12  
Credit: 1

Students can earn two dual (transcripted) credits with Fox Valley Tech. Students will be welding on steel, (sheet metals and plates). Emphasis is placed on axial spray, pulse spray and short circuit mode of transfer. Upon completion of this course the student will be able to weld in all positions, read basic weld symbols, and have an understanding of written welding procedures.

## Transcripted-(TC) Credit

Fox Valley Technical College (FVTC) and Lakeshore Technical College (LTC) have established dual (transcripted) credit agreements with Hilbert High School. To be eligible for dual (transcripted) credit students must complete the high school course with a C grade or better. The student will receive 2 separate grades for the course-one on their high school transcript and one on their technical college transcript (Note: the grades may differ depending on the grading scales the technical colleges use).

## Distance Learning

Elective or required

Length & Credit: Varies with course

Grade: 10-12 (Students in grade 9 may enroll with principal or counselor approval)

The School District of Hilbert is part of the CESA 7 Interactive Learning Service (ILS) consortium of schools participating in distance education programming. Through an agreement between K-12 schools and colleges aligned for distance education, Hilbert High School is able to schedule courses broadcasted by schools over a fiber optic link. These courses are transmitted via two-way, interactive full-motion video and audio.

Students participating in the distance learning courses will receive high school and/or college credit, which will be reflected on their Hilbert High School transcript. The letter grade reported by the instructor will be recorded on the student's transcript. When a percentage grade is reported, the grade will be determined based upon the HHS grading scale.

Courses will be offered in our on-site distance-learning lab based on the interest of the HHS students, the availability of courses through the consortium, and the development of the master schedule. The courses will be limited to those not being offered at HHS during the current academic year, or when an HHS course is unavailable to a student due to a scheduling conflict. Enrollment is at the discretion of the high school principal and school counselor. See school counselor for more information.

## Teacher Assistant

Elective

Grade: 11-12

Length: One semester

Credit: .5

Prerequisite: None

Students interested in being a teacher assistant must arrange it with the teacher they plan to work with. Being a teacher assistant involves tutoring students and assisting the teacher with paperwork, bulletin boards, displays, etc.

- A maximum of one credit can be earned to apply toward graduation.
- **Students electing to be a teacher assistant may not have a study hall.**
- A Pass/Fail grade will be assigned – no letter grade. This grade will not apply towards the GPA and class rank.

### Youth Apprenticeship

Elective

Length: One or two years

Prerequisite: None

Grade: 11-12

Credit: 1.5 for 3 hours of work

A limited number of juniors and seniors may have the opportunity to participate in a school supervised, work-based learning experience. Wisconsin's Dept. of Workforce Development Youth Apprenticeship Program is part of a statewide School-to-Work initiative. It is designed for high school juniors and seniors who want hands on learning in an occupational area at a worksite along with classroom instruction. The program combines academic and technical instruction. Students are simultaneously enrolled in high school academic classes to meet graduation requirements, in a youth apprenticeship related instruction class through either the high school or technical college (Start College Now Program-see below), and are employed by a participating employer under the supervision of a skilled mentor. The student, parents, employer, and Youth Apprenticeship Coordinator meet quarterly to review the student's progress. Three hours of work are required on each school day for 1.5 credits per semester.

**Interested students must be in good standing, both academically and in discipline/attendance, and complete the application process by the March 1<sup>st</sup> deadline.** Students should contact the School Counselor to see if they qualify for this program. Go to <https://dwd.wisconsin.gov/youthapprenticeship/> for detailed information.

### Start College Now Program (formerly Youth Options)

Elective or required

Length: One semester

Credit: .25 high school credit for each 1 credit of post-secondary course

(Example: .75 high school credit for a 3 credit post-secondary course)

The Start College Now Program allows juniors and seniors, who meet certain requirements, to take post-secondary courses at a Wisconsin technical college or via satellite in the high school distance learning lab (if offered by the technical college). The purpose for participating in this program would be to take one or more technical college courses not comparable to HHS courses. Students receive high school and/or technical college credit. To qualify for this program, students must be in good standing both academically and in discipline/attendance, have maxed out all possible course options at HHS (if applicable), and meet the criteria and timelines established by the post-secondary institution. The fall semester deadline is March 1<sup>st</sup>. The spring semester deadline is October 1<sup>st</sup>. See the school counselor for details.

### Early College Credit Program (formerly Youth Options)

Elective or required

Length: One Semester

Credit: .25 high school credit for each 1 credit of post-secondary course

(Example: .75 high school credit for a 3 credit post-secondary course)

The Early College Credit program allows students who meet certain requirements to take post-secondary courses at a UW System college or private WI college. The purpose for participating in this program would be to take one or more college courses not comparable to HHS courses. Students receive high school and/or college credit. To qualify for this program, students must be in good standing both academically and in discipline/attendance, have maxed out all possible course options at HHS (if applicable), and meet the criteria and timelines established by the post-secondary institution. The fall semester deadline is March 1<sup>st</sup>. The spring semester deadline is October 1<sup>st</sup>. See the school counselor for details.

**District Nondiscrimination Policy** - It is the policy of the Hilbert School District that no person may be denied admission to any public school or be denied participation in, be denied the benefits of, or be discriminated against in any curricular, extracurricular, pupil services, recreational, or other program or activity because of a person's sex, race, religion, national origin, ancestry, creed, pregnancy, marital or parental status, sexual orientation, or physical, mental, emotional or learning disability. All career & technical education programs follow the district's policies of nondiscrimination on the basis of race, color, national origin, sex, age or handicap. In addition, arrangements can be made to ensure that the lack of English language skills is not a barrier to admission or participation.

